

Product datasheet for TP522269

Triobp (NM_001039156) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse TRIO and F-actin binding protein (Triobp), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR222269 representing NM_001039156 Red =Cloning site Green =Tags(s)
	MSMEQDTRALLPTQGTAWATASAPVARLQGPQGDSHQACSQEPHSPSSAEAPYCDLPRCPPALQNPLR TT TCVGQSVHSLGLGLGQEPQVRWSPPTALPAEGPAAAPKNRHQDSEGIPYLEGLARSSCTDDNDNKDEDE D PNSNTSSSQDSNTPHDTSNSSVDWDTTERPGWVPSRNRLTEMIPRRPQEGLRADSARKATRSPARGDTA GQRKENSQSGGQSAGQHWAKLRSESGYFSLERQSGQTQASSGTPPSGPRGTTQASSAQRDVFAQAPA QE APQTSSLPRNTQRDTQRSTPRTSSPSRVSQRDTPRVMSTQRKNTPLSSPLRATPETLKISAPEDGTHVTP SPCVQDSSLNRTSQRDSSRTPCIQWDNPRASSPNRTTQRDNPRTPCTQRDNPRASSPNRTTQRDNPRTP C TQRDNPRASSPNRTTQRDNPRTPCAQRDNPRASPSTQRDTPRTPCAQRDNPRASSPNRTAQRDN RT PCAQRDNPRTPSCTSQNTPRTPSTQADKTTASCSKWEHLRSACTQRDNPRTPFSQGCTQKDNPGPPSPRA T QGSNSRNPSPHRTNKDIPWASFLRPTQSDSPRTSSPSRTKQNQVPWASISLRPTQGDKPQTSAPTRLAH NDPPQYSPSLATTSSSHNPGHSSASRTSSPLHAAPRGAPQTSLESSQPCTVCIGHRDAPRASSPPRY FQYDPFPPFPDRSSESESPHHEPPYMPPAVCIGHRDAPRATSPPRHTQFDPFPLPDTSDADNESPQHD PPQFPPVPCIGYRDAPRASSPPRQFPEPSFFQDLPRATESLVPSTDSMHEPPHIPTVCIGHRDAPSFS SPPRQAPEPSLFFQDPPGTSMESLAPSIDSLHGCP LLPQVCIGHRDAPRASSPPRHPPSDIGLLAPSPP PGSSGSRGSAPPGETRHNLEREYTM LADLPPPRRLAQRGPEPQAQGSNEGRTRSPGRAEVERLFGQERR KSEAPGAFQTRDEGRSQRPSQAQSQLRRQSSPAPSQRVTKPSAKQAEPTQSRTGPPHPKSPDKRPEGD R QLQRTSPPARTPARPPERKAQIERHLESGHTGPRQSLGGWQSQRERLSGPQSPNRHPEKSWGSQKEGPSL G GWPELEGPSLEGIWRGPPQEHREQWGHSEAWEEPSSNGIQGAPPRGQGRLLQELSRPHQPTPSSENSWA



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GP
 AECSCALQPEASTAVGWRAEGTSPHQRSAERPPDLWRDLLGLLRAPEDGAWTRLPRLDWEGLLLELLQA
 R
 LPQKDPARHWHDPKASGPEQGSSGTEDTLKTEPQTQPEGRAKATLANGHRPGQQSESQAQLPSPACTS
 T
 QWPTTKVTSGPETSPLAALEQIDHLESHSPDLEFQPEEPEASEPSRGEDSRAVQKQADSADKRPAEGKA
 GSPLKGRVTSWRMPGDRPALFNPYLLSLGVLRWQRPDLLNFKKGWMSILDEPGEWKKHWFVLTSSSL
 KY
 YRDSTAEAEDELGEIDLRSCDVTVEYAVQRNYGFQIHTKDAVYTLSAMTSGIRRNWIEALRKTVRPTSA
 PDVTKLSDCNKENTLHGYGTQKSSLKIGEQTGSEVIGRGGPRKADGPRPSLDYVELSPLAPSSPQRMRT
 LSRSTPERPTKQEDLERDLAQRSEERRKWFESTDGRTPETPSGDGSRRLGAPLTDDQQSRLSEEIEKKW
 QELEKLPLRENKRVPLTALLNQAHNDRRGPTSDSHEALEKEVQSLRAQLEAWRLRGEAPQNAPRLQEDS
 H
 IPPGYISQEACERSLAEMESSHQVMEQLQRHHERELQRLQQEKEWLLAEETAATASAIEAMKKAYQEEL
 SRELKTRSLQQGPESLRKQHQLDMEALKQELQVLSERYSQKCLEIGALTRQAEEREHTLRRCQQEGQEL
 LRHNQELHSHLSEEIDRLRSFIASQGTGNSCGRSNERSSCELEVLLRVKENELQYLKKEVQCLRDELQVI
 QKDKRFTGKYQDVYVELNHIKTRSEREIEQLKEHLRLAMAAALQEKEAVRNSLAE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	223.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_001034245</u>
Locus ID:	110253
UniProt ID:	<u>Q99KW3</u>
RefSeq Size:	7352
Cytogenetics:	15 37.7 cM
RefSeq ORF:	6042
Synonyms:	AI428493; EST478828; mKIAA1662; Tara

Summary:

This gene encodes a protein that interacts with trio, which is involved with neural tissue development and controlling actin cytoskeleton organization, cell motility, and cell growth. The encoded protein also associates with F-actin and stabilizes F-actin structures. Domains contained in this encoded protein are an N-terminal pleckstrin homology domain and a C-terminal coiled-coil region. Mutations in the human gene have been associated with a form of autosomal recessive nonsyndromic deafness. Multiple alternatively spliced transcript variants have been described [provided by RefSeq, Sep 2012]